

Water Use Efficiency in the Post-2015 Agenda

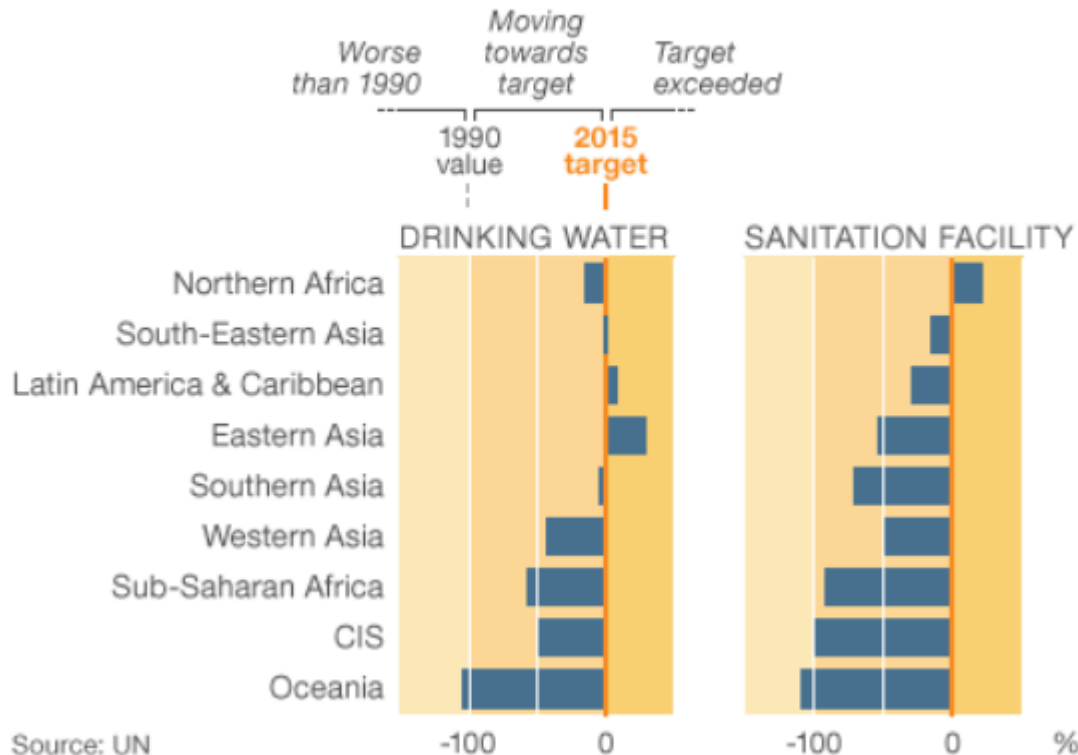
*European Regional Proces for World Water Forum 7
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Peter Koefoed Bjørnsen, UNEP-DHI Centre

Millennium Development Goal 7

KEY TARGET: Halve proportion of people without improved drinking water source/improved sanitation facility

% of target still remaining in 2008



Source: UN

Rio+20 Outcome Document (June 2012)

119 ...water is at the core of sustainable development ...

120. ... progressive realization of access to safe and affordable water and basic sanitation for all, ... improve the implementation of integrated water resource management at all levels ...

121. ... human right to safe drinking water and sanitation ...

122. ... ecosystems play a key role in maintaining water quantity and quality ...

123. ... adopt measures to address floods, droughts, and water scarcity ...

124. ... reduce water pollution and increase water quality, improve water efficiency and reduce water losses. ...

From Rio+20 to post 2015 SDGs

- Guided by the priorities agreed at the Rio+20 Conference (2012)
- Building on thematic, national and regional consultations (2013)
- Drawing on the High Level Panel, Sustainable Development Solutions Network, UN Global Compact, the Budapest Water Summit (2013)
- Discussions of the Open Working Group on SDGs (2014)
- Negotiations UN GA (2015)
- Monitoring, UN Statistical Commission (2015)



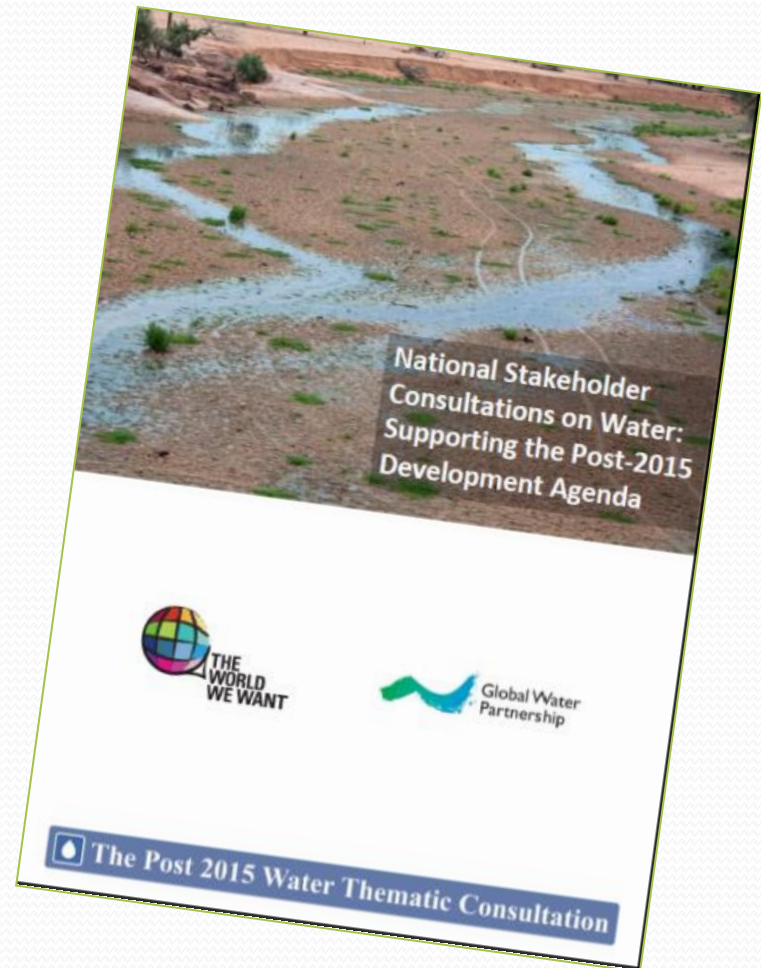
Water and sanitation (WASH)



- The **human right** to water and sanitation
 - Obligations on all Member States to make provision for progressive realization of the right
- Finishing the “**unfinished business**” in **WASH** must remain a top priority

Water Resources Management

- Finishing the **“unfinished business”** in water resources management is also a priority
 - Agenda 21 (1992), JPOI (2002) and subsequent CSD meetings (2005, 2008, 2012)
- Recent UN-Water survey of more than 130 countries, thematic and national consultations
 - show that there has been widespread adoption of integrated approaches to water management, but...
- **Significant challenges still remain!**



Wastewater and Water Quality



- Improving **water quality and wastewater management** need to be a priority too
 - Water quality has to date been very much neglected
 - 80% of wastewater is discharged without treatment
 - Impact on the water resource and therefore on drinking-water supply
 - Impact on ecosystems
- These concerns were **clearly expressed at Rio+20**

Water related disasters



- Increased resilience to **water-related disasters**
 - Floods and droughts (CC)
 - Human-influenced disasters such as chemical spills
- **Rio+20** called for stronger coordination between disaster risk reduction and development planning

Global Risk Report 2015 (WEF)

Top 10 risks in terms of Impact

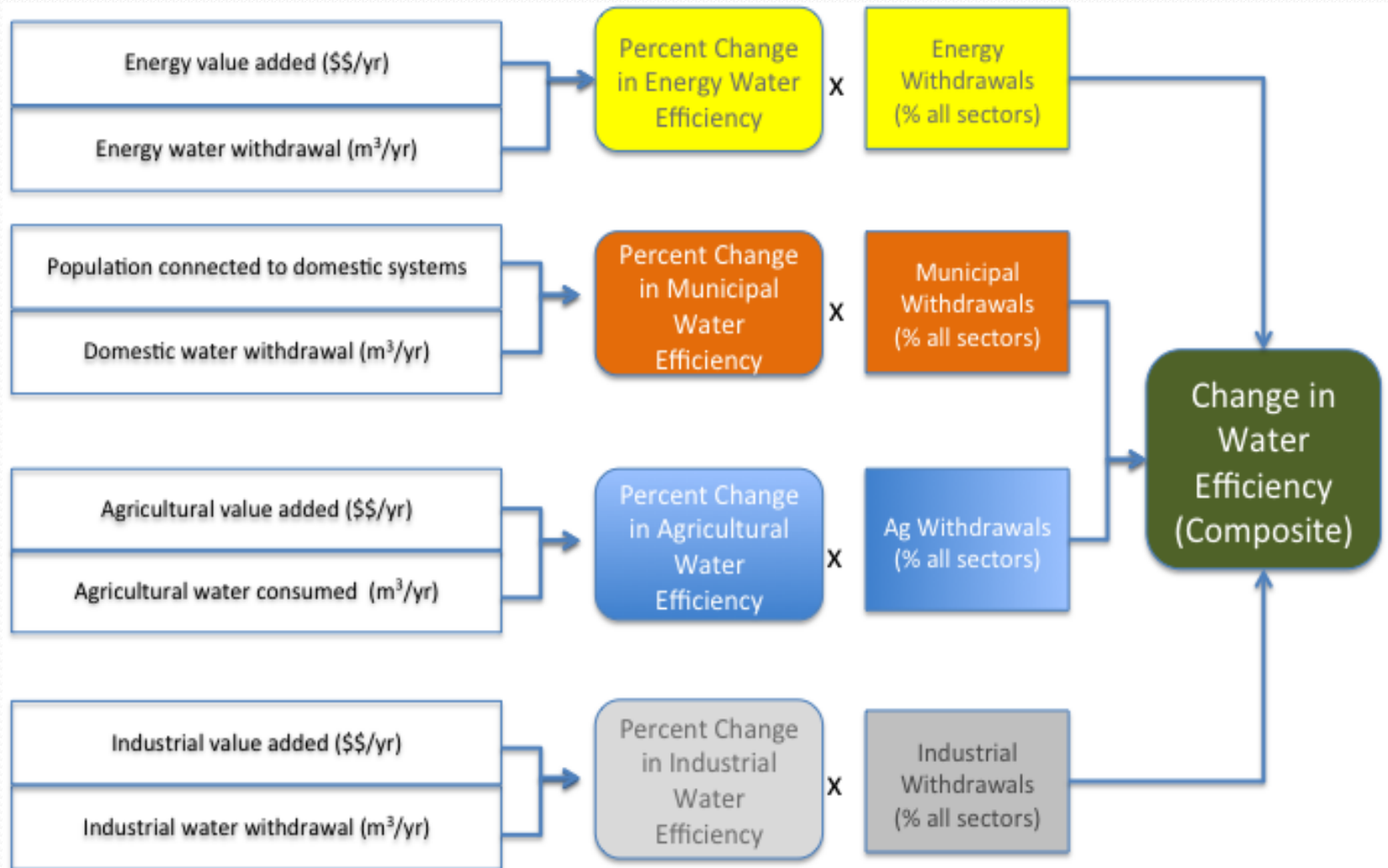
- Water crises
- Weapons of mass destruction
- Weapons of mass destruction
- Interstate conflict
- Energy price shock
- Failure of climate-change adaptation
- Fiscal crises
- Unemployment or underemployment
- Biodiversity loss and ecosystem collapse
- Spread of infectious diseases
- Critical information infrastructure breakdown



SDG 6: Ensure availability and sustainable management of water and sanitation for all

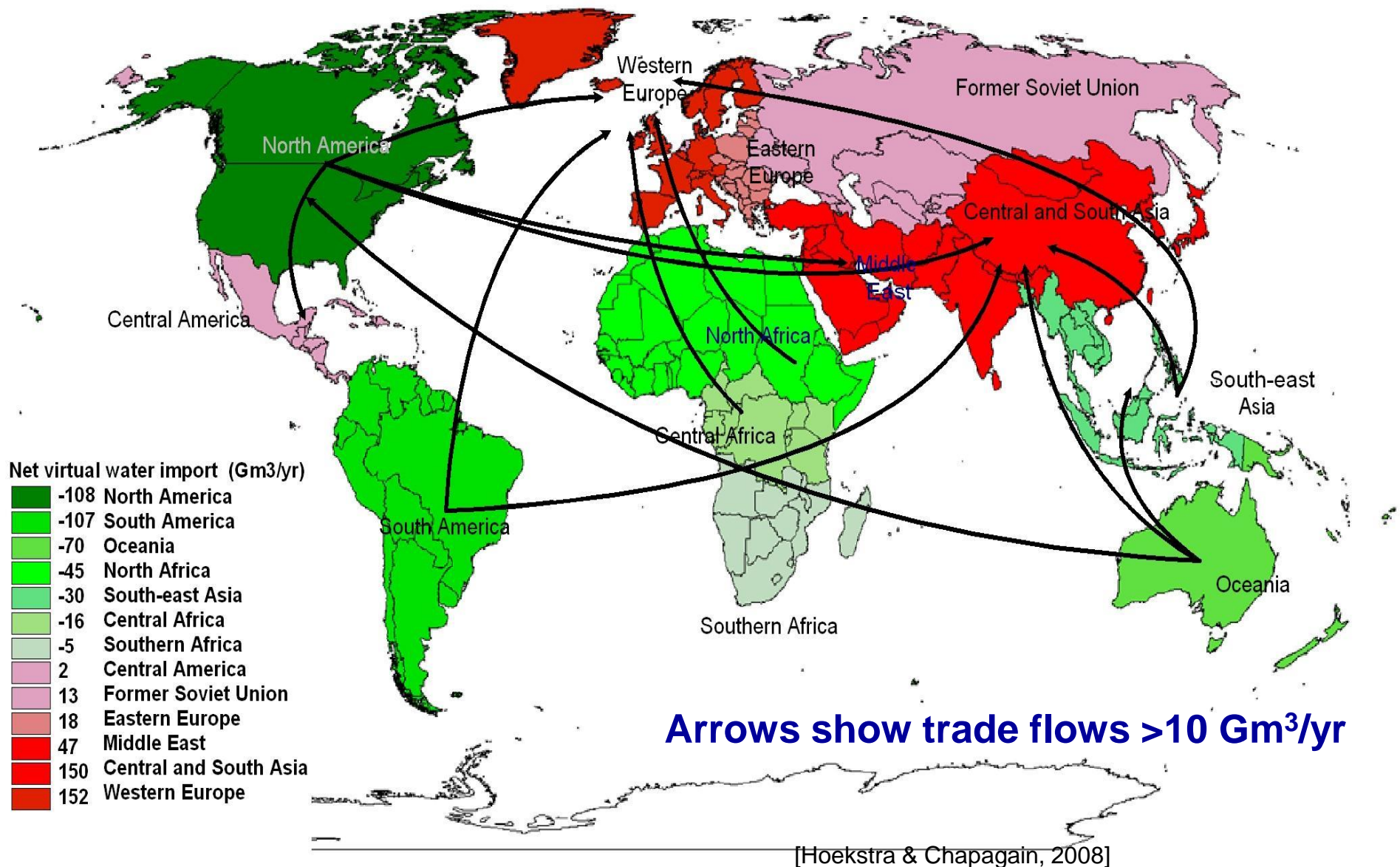
- 6.1 Access to safe and affordable drinking water for all
- 6.2 Sanitation and hygiene for all,
- 6.3 Improve water quality by reducing pollution ... and untreated wastewater, and increasing recycling and safe reuse
- 6.4 **Increase water-use efficiency across all sectors**, ensure sustainable withdrawals and reduce water scarcity
- 6.5 Implement integrated water resources management at all levels, including through transboundary cooperation as appropriate
- 6.6 Protect and restore water-related ecosystems,
- 6.a Expand international cooperation and capacity-building
- 6.b support and strengthen the participation of local communities

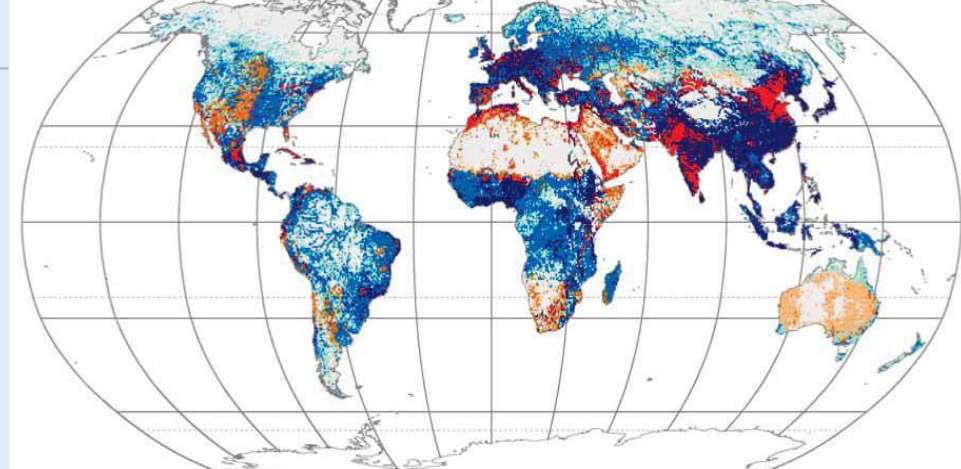
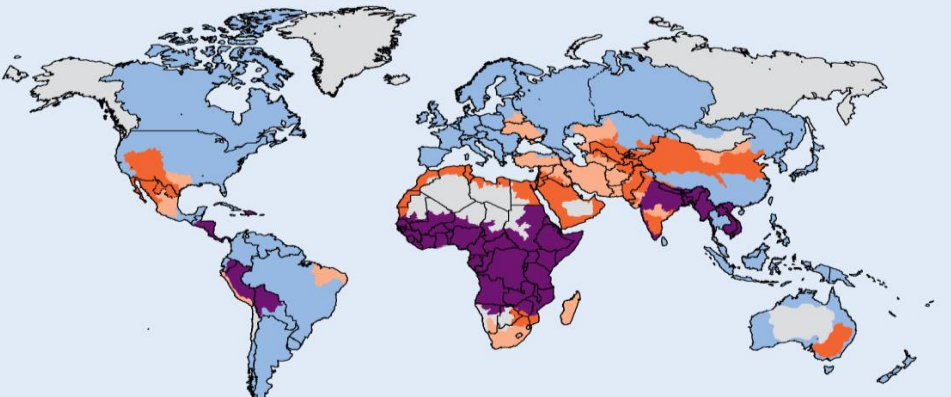
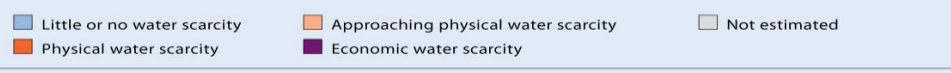
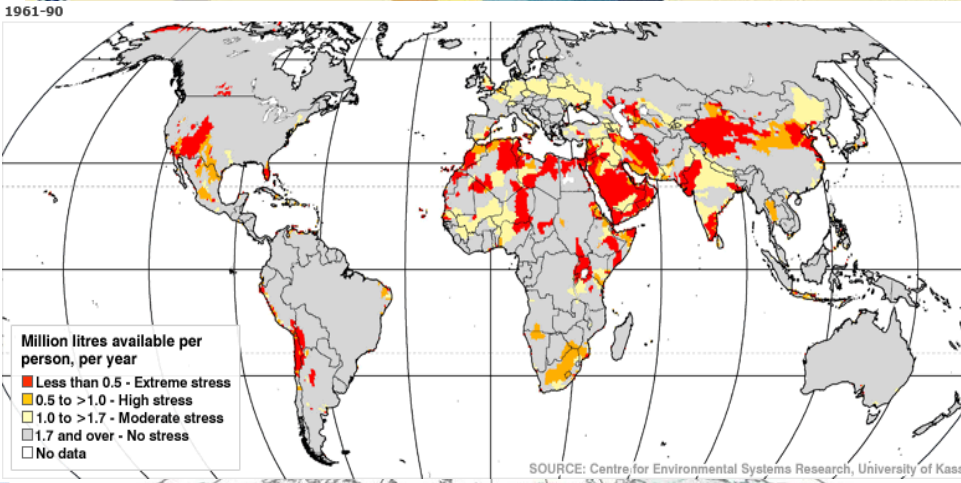
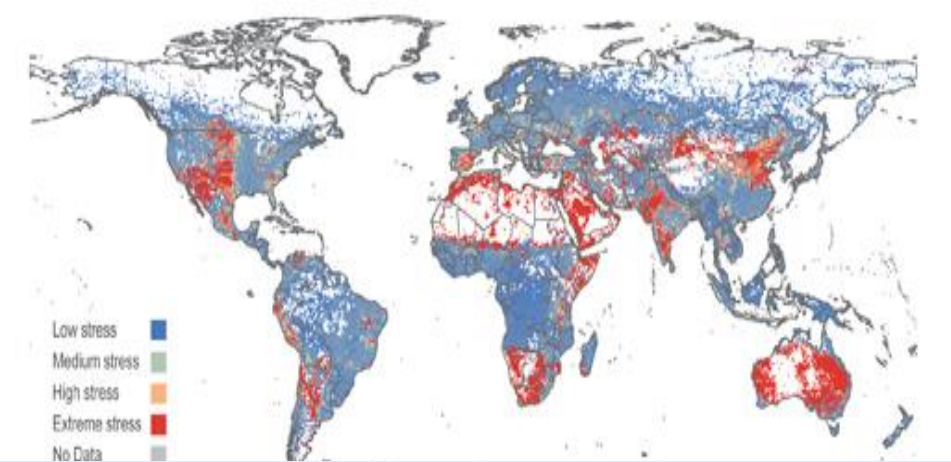
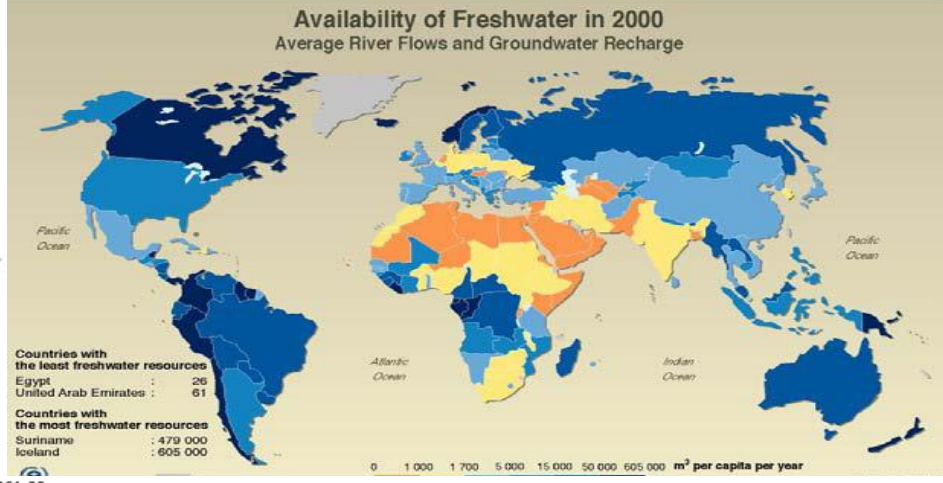
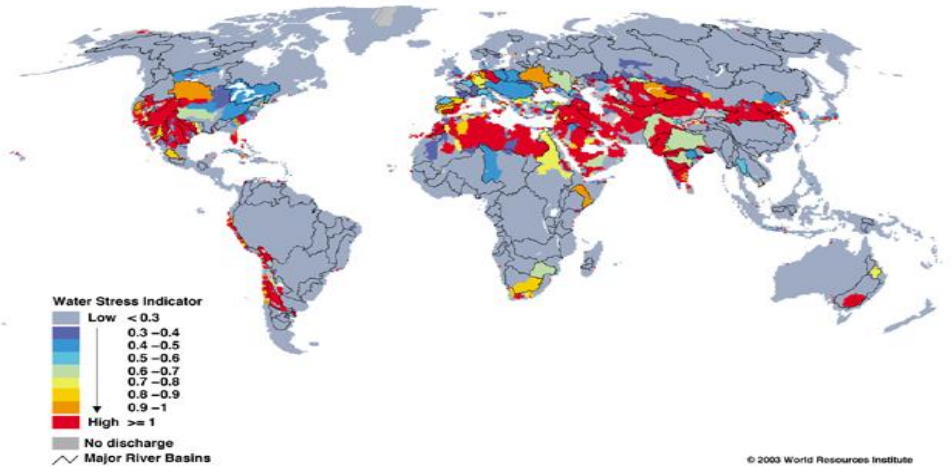
Multi-sector water use efficiency



Regional virtual water balances

(only agricultural trade)





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